

IN THE CLAIMS:

Please amend Claims 23 to 28, and add Claims 29 and 30 as follows. The claims, as pending in the subject application, read as follows:

1. to 17. (Cancelled)

18. (Previously Presented) A wireless communication apparatus comprising:

wireless communication means;

a plurality of power supply means for supplying a power to said wireless communication means; and

selecting means for selecting one of said plurality of power supply means in accordance with a state of said wireless communication means, wherein power from the selected one of said plurality of power supply means is supplied to said wireless communication means.

19. (Previously Presented) The apparatus according to Claim 18, wherein said plurality of power supply means supplies the power originated from a common power source.

20. (Previously Presented) The apparatus according to Claim 18, wherein said plurality of power supply means comprises a series regulator and a DC/DC converter.

21. (Previously Presented) A method of supplying a power for wireless communication, comprising the steps of:

detecting a state of the wireless communication;

selecting one of a plurality of power supplies in accordance with a state of the wireless communication; and

supplying power for the wireless communication from the selected one of the plurality of power supplies.

22. (Previously Presented) The method according to Claim 21, wherein the plurality of power supplies for supplying the power originated from a common power source for the wireless communication.

23. (Currently Amended) A wireless communication apparatus comprising:

wireless communication means for transmitting and receiving signals wirelessly;

a plurality of power supply means for supplying a power to said wireless communication means; and

switching means for switching at least one of said plurality of power supply means in accordance with a signal received by said wireless communication means.

24. (Currently Amended) The apparatus according to Claim 23, wherein said switching means switches said at least one of said plurality of power supply

means in accordance with reception of the signal for permitting transmission from said wireless communication means.

25. (Currently Amended) The apparatus according to Claim 23, wherein said switching means switches said at least one of said plurality of power supply means in accordance with the signal received by said wireless communication means and existence of transmission data to be transmitted by said wireless communication means.

26. (Currently Amended) A method of supplying power to a wireless communication device which receives and transmits signals, comprising the steps of:
providing power from a plurality of different power supplies;
receiving a signal from the wireless communication device; and
switching power from at least one of the plurality of power supplies in accordance with the signal received in said receiving step.

27. (Currently Amended) The method according to Claim 26, wherein said switching step switches said at least one of the plurality of power supplies in accordance with reception of the signal for permitting transmission.

28. (Currently Amended) The method according to Claim 26, wherein said switching step switches said at least one of the plurality of power supplies in accordance with the signal received in said receiving step and existence of transmission data to be transmitted.

29. (New) A wireless communication apparatus comprising:

wireless communication means comprising a plurality of amplifying means for transmission;

a plurality of power supply means for supplying a power to said wireless communication means;

first switching means for switching at least one of said plurality of power supply means in accordance with a state of said wireless communication means;

second switching means for switching said plurality of amplifying means in accordance with the state of said wireless communication means; and

third switching means for disconnecting the power supplied to one of said plurality of amplifying means in accordance with the state of said wireless communication means.

30. (New) The apparatus according to Claim 29, wherein said second switching means switches said plurality of amplifying means in accordance with transmission power of said wireless communication means.